



Click [here](#) for the 3D model.

### Dimensions

|    |                 |
|----|-----------------|
| L  | 31.5mm -0.7mm   |
| H  | 37mm -0.7mm     |
| T  | 22mm -0.7mm     |
| S  | 27.5mm +/-0.4mm |
| LL | 4mm +2mm        |
| F  | 0.8mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 150        |

### General Information

|                  |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------|
| Series           | F462                                                                                          |
| Dielectric       | Metallized Polypropylene                                                                      |
| Style            | Radial                                                                                        |
| Features         | MKP, Pulse                                                                                    |
| RoHS             | Yes                                                                                           |
| Lead             | Cut/Short                                                                                     |
| AEC-Q200         | No                                                                                            |
| Component Weight | 28.5 g                                                                                        |
| Miscellaneous    | The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56. |
| Notes            | Series Replaced by R75.                                                                       |

### Specifications

|                       |                          |
|-----------------------|--------------------------|
| Capacitance           | 1.2 uF                   |
| Capacitance Tolerance | 5%                       |
| Voltage AC            | 300 VAC                  |
| Voltage DC            | 1000 VDC, 600 VDC (105C) |
| Temperature Range     | -55/+105°C               |
| Rated Temperature     | 85°C                     |
| Dissipation Factor    | 0.1% 1kHz                |
| Insulation Resistance | 25 GOhms                 |
| Max dV/dt             | 200 V/us                 |
| Inductance            | 6 nH                     |